Public Service Commission of South Carolina 101 Executive Center Dr., Suite 100 Columbia, SC 29210



SEP 17 2018

PSC SC MAIL / DMS

TO WHOM IT MAY CONCERN:

Pursuant to 18 C.F.R. II 292.207(a)(ii), JSD Management LLC, on behalf of its Managing Member Johnson Development Associates, Inc., is hereby providing notice and a copy of Form 556.

Please let us know if any of the included does not meet your requirements.

RE: REQUIRED NOTICE TO UTILITIES AND STATE REGULATORY AUTHORITIES

Best,

Nathaniel Smith

100 Dunbar Street, Suite 400

Office: (864) 594-5878

Email: nasmith@johnsondevelopment.net

Copy to:

State of South Carolina Office of Regulatory Staff 1401 Main Street, Suite 900 Columbia, S.C. 29201

FEDERAL ENERGY REGULATORY COMMISSION WASHINGTON, DC

OMB Control # 1902-0075 Expiration 06/30/2019

Form 556 Certification of Qualifying Facility (QF) Status for a Small Power Production or Cogeneration Facility

Ğeneral

Questions about completing this form should be sent to Form556@ferc.gov. Information about the Commission's QF program, answers to frequently asked questions about QF requirements or completing this form, and contact information for QF program staff are available at the Commission's QF website, www.ferc.gov/QF. The Commission's QF website also provides links to the Commission's QF regulations (18 C.F.R. § 131.80 and Part 292), as well as other statutes and orders pertaining to the Commission's QF program.

Who Must File

Any applicant seeking QF status or recertification of QF status for a generating facility with a net power production capacity (as determined in lines 7a through 7g below) greater than 1000 kW must file a self-certification or an application for Commission certification of QF status, which includes a properly completed Form 556. Any applicant seeking QF status for a generating facility with a net power production capacity 1000 kW or less is exempt from the certification requirement, and is therefore not required to complete or file a Form 556. See 18 C.F.R. § 292.203.

How to Complete the Form 556

This form is intended to be completed by responding to the items in the order they are presented, according to the instructions given. If you need to back-track, you may need to clear certain responses before you will be allowed to change other responses made previously in the form. If you experience problems, click on the nearest help button () for assistance, or contact Commission staff at Form556@ferc.gov.

Certain lines in this form will be automatically calculated based on responses to previous lines, with the relevant formulas shown. You must respond to all of the previous lines within a section before the results of an automatically calculated field will be displayed. If you disagree with the results of any automatic calculation on this form, contact Commission staff at Form556@ferc.gov to discuss the discrepancy before filing.

You must complete all lines in this form unless instructed otherwise. Do not alter this form or save this form in a different format. Incomplete or altered forms, or forms saved in formats other than PDF, will be rejected.

How to File a Completed Form 556

Applicants are required to file their Form 556 electronically through the Commission's eFiling website (see instructions on page 2). By filing electronically, you will reduce your filing burden, save paper resources, save postage or courier charges, help keep Commission expenses to a minimum, and receive a much faster confirmation (via an email containing the docket number assigned to your facility) that the Commission has received your filing.

If you are simultaneously filing both a waiver request and a Form 556 as part ϕ f an application for Commission certification, see the "Waiver Requests" section on page 3 for more information on how to file.

Paperwork Reduction Act Notice

This form is approved by the Office of Management and Budget. Compliance with the information requirements established by the FERC Form No. 556 is required to obtain or maintain status as a QF. See 18 C.F.R. § 131.80 and Part 292. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The estimated burden for completing the FERC Form No. 556, including gathering and reporting information, is as follows: 3 hours for self-certification of a small power production facility, 8 hours for self-certifications of a cogeneration facility, 6 hours for an application for Commission certification of a small power production facility, and 50 hours for an application for Commission certification of a cogeneration facility. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to the following: Information Clearance Officer, Office of the Executive Director (ED-32), Federal Energy Regulatory Commission, 888 First Street N.E., Washington, DC 20426 (DataClearance@ferc.gov); and Desk Officer for FERC, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503 (oira_submission@omb.eop.gov). Include the Control No. 1902-0075 in any correspondence.

FERC Form 556 Page 2 - Instructions

Electronic Filing (eFiling)

To electronically file your Form 556, visit the Commission's QF website at www.ferc.gov/QF and click the eFiling link.

If you are eFiling your first document, you will need to register with your name, email address, mailing address, and phone number. If you are registering on behalf of an employer, then you will also need to provide the employer name, alternate contact name, alternate contact phone number and and alternate contact email.

Once you are registered, log in to eFiling with your registered email address and the password that you created at registration. Follow the instructions. When prompted, select one of the following QF-related filing types, as appropriate, from the Electric or General filing category.

Filing category	Filing Type as listed in eFiling	Description
	(Fee) Application for Commission Cert. as Cogeneration QF	Use to submit an application for Commission certification or Commission recertification of a cogeneration facility as a QF.
	(Fee) Application for Commission Cert. as Small Power QF	Use to submit an application for Commission certification or Commission recertification of a small power production facility as a QF.
	Self-Certification Notice (QF, EG, FC)	Use to submit a notice of self- certification of your facility (cogeneration or small power production) as a QF.
Electric	Self-Recertification of Qualifying Facility (QF)	Use to submit a notice of self- recertification of your facility (cogeneration or small power production) as a QF.
	Supplemental Information or Request	Use to correct or supplement a Form 556 that was submitted with errors or omissions, or for which Commission staff has requested additional information. Do not use this filing type to report new changes to a facility or its ownership; rather, use a self-recertification or Commission recertification to report such changes.
General	(Fee) Petition for Declaratory Order (not under FPA Part 1)	Use to submit a petition for declaratory order granting a waiver of Commission QF regulations pursuant to 18 C.F.R. §§ 292.204(a) (3) and/or 292.205(c). A Form 556 is not required for a petition for declaratory order unless Commission recertification is being requested as part of the petition.

You will be prompted to submit your filing fee, if applicable, during the electronic submission process. Filing fees can be paid via electronic bank account debit or credit card.

During the eFiling process, you will be prompted to select your file(s) for upload from your computer.

FERC Form 556 Page 3 - Instructions

Filing Fee

No filing fee is required if you are submitting a self-certification or self-recertification of your facility as a QF pursuant to 18 C.F.R. § 292.207(a).

A filing fee is required if you are filing either of the following:

- (1) an application for Commission certification or recertification of your facility as a QF pursuant to 18 C.F.R. § 292.207(b), or
- (2) a petition for declaratory order granting waiver pursuant to 18 C.F.R. §§ 292.204(a)(3) and/or 292.205(c).

The current fees for applications for Commission certifications and petitions for declaratory order can be found by visiting the Commission's QF website at www.ferc.gov/QF and clicking the Fee Schedule link.

You will be prompted to submit your filing fee, if applicable, during the electronic filing process described on page 2.

Required Notice to Utilities and State Regulatory Authorities

Pursuant to 18 C.F.R. § 292.207(a)(ii), you must provide a copy of your self-certification or request for Commission certification to the utilities with which the facility will interconnect and/or transact, as well as to the State regulatory authorities of the states in which your facility and those utilities reside. Links to information about the regulatory authorities in various states can be found by visiting the Commission's QF website at www.ferc.gov/QF and clicking the Notice Requirements link.

What to Expect From the Commission After You File

An applicant filing a Form 556 electronically will receive an email message acknowledging receipt of the filing and showing the docket number assigned to the filing. Such email is typically sent within one business day, but may be delayed pending confirmation by the Secretary of the Commission of the contents of the filing.

An applicant submitting a self-certification of QF status should expect to receive no documents from the Commission, other than the electronic acknowledgement of receipt described above. Consistent with its name, a self-certification is a certification by the applicant itself that the facility meets the relevant requirements for QF status, and does not involve a determination by the Commission as to the status of the facility. An acknowledgement of receipt of a self-certification, in particular, does not represent a determination by the Commission with regard to the QF status of the facility. An applicant self-certifying may, however, receive a rejection, revocation or deficiency letter if its application is found, during periodic compliance reviews, not to comply with the relevant requirements.

An applicant submitting a request for Commission certification will receive an order either granting or denying certification of QF status, or a letter requesting additional information or rejecting the application. Pursuant to 18 C.F.R. § 292.207(b)(3), the Commission must act on an application for Commission certification within 90 days of the later of the filing date of the application or the filing date of a supplement, amendment or other change to the application.

Waiver Requests

18 C.F.R. § 292.204(a)(3) allows an applicant to request a waiver to modify the method of calculation pursuant to 18 C.F.R. § 292.204(a)(2) to determine if two facilities are considered to be located at the same site, for good cause. 18 C.F.R. § 292.205(c) allows an applicant to request waiver of the requirements of 18 C.F.R. §§ 292.205(a) and (b) for operating and efficiency upon a showing that the facility will produce significant energy savings. A request for waiver of these requirements must be submitted as a petition for declaratory order, with the appropriate filling fee for a petition for declaratory order. Applicants requesting Commission recertification as part of a request for waiver of one of these requirements should electronically submit their completed Form 556 along with their petition for declaratory order, rather than filling their Form 556 as a separate request for Commission recertification. Only the filling fee for the petition for declaratory order must be paid to cover both the waiver request and the request for recertification if such requests are made simultaneously.

18 C.F.R. § 292.203(d)(2) allows an applicant to request a waiver of the Form 556 filing requirements, for good cause. Applicants filing a petition for declaratory order requesting a waiver under 18 C.F.R. § 292.203(d)(2) do not need to complete or submit a Form 556 with their petition.

FERC Form 556 Page 4 - Instructions

Geographic Coordinates

If a street address does not exist for your facility, then line 3c of the Form 556 requires you to report your facility's geographic coordinates (latitude and longitude). Geographic coordinates may be obtained from several different sources. You can find links to online services that show latitude and longitude coordinates on online maps by visiting the Commission's QF webpage at www.ferc.gov/QF and clicking the Geographic Coordinates link. You may also be able to obtain your geographic coordinates from a GPS device, Google Earth (available free at http://earth.google.com), a property survey, various engineering or construction drawings, a property deed, or a municipal or county map showing property lines.

Filing Privileged Data or Critical Energy Infrastructure Information in a Form 556

The Commission's regulations provide procedures for applicants to either (1) request that any information submitted with a Form 556 be given privileged treatment because the information is exempt from the mandatory public disclosure requirements of the Freedom of Information Act, 5 U.S.C. § 552, and should be withheld from public disclosure; or (2) identify any documents containing critical energy infrastructure information (CEII) as defined in 18 C.F.R. § 388.113 that should not be made public.

If you are seeking privileged treatment or CEII status for any data in your Form 556, then you must follow the procedures in 18 C.F.R. § 388.112. See www.ferc.gov/help/filing-guide/file-ceii.asp for more information.

Among other things (see 18 C.F.R. § 388.112 for other requirements), applicants seeking privileged treatment or CEll status for data submitted in a Form 556 must prepare and file both (1) a complete version of the Form 556 (containing the privileged and/or CEll data), and (2) a public version of the Form 556 (with the privileged and/or CEll data redacted). Applicants preparing and filing these different versions of their Form 556 must indicate below the security designation of this version of their document. If you are *not* seeking privileged treatment or CEll status for any of your Form 556 data, then you should not respond to any of the items on this page.

Non-Public: Applicant is seeking privileged treatment and/or CEII status for data contained in the Form 556 lines indicated below. This non-public version of the applicant's Form 556 contains all data, including the data that is redacted in the (separate) public version of the applicant's Form 556. Public (redacted): Applicant is seeking privileged treatment and/or CEII status for data contained in the Form 556 lines
indicated below. This public version of the applicants's Form 556 contains all data except for data from the lines indicated below, which has been redacted.
Privileged: Indicate below which lines of your form contain data for which you are seeking privileged treatment
Critical Energy Infrastructure Information (CEII): Indicate below which lines of your form contain data for which you are seeking CEII status

The Commission is not responsible for detecting or correcting filer errors, including those errors related to security designation. If your documents contain sensitive information, make sure they are filed using the proper security designation.

FEDERAL ENERGY REGULATORY COMMISSION WASHINGTON, DC

OMB Control # 1902-0075 Expiration 06/30/2019

Form 556 Certification of Qualifying Facility (QF) Status for a Small Power Production or Cogeneration Facility

1b Applicant street a 100 Dunbar St Suite 400			
1c City		1d State/prov	ince
Spartanburg	3333	SC	
1e Postal code 29306	1f Country (if not United States)	1	1g Telephone number 8645945878
1h Has the instant fa	cility ever previously been certified as a Q	F? Yes 1	√ 0 ⊠
1i If yes, provide the	docket number of the last known QF filin	g pertaining to t	his facility: QF
1j Under which certi	fication process is the applicant making the	nis filing?	
Notice of self-co	ertification \Box A	pplication for Co	ommission certification (requires filing e" section on page 3)
QF status. A not notice of self-cer	elf-certification is a notice by the applicant ice of self-certification does not establish a tification to verify compliance. See the "V 3 for more information.	a proceeding, an	d the Commission does not review a
,1k What type(s) of Q	F status is the applicant seeking for its fac	ility? (check all tl	nat apply)
Qualifying sma	I power production facility status	ualifying cogen	eration facility status
11 What is the purpo	se and expected effective date(s) of this fi	ling?	
☐ Original certific	ation; facility expected to be installed by	11/8/19 a	nd to begin operation on 12/13/19
	previously certified facility to be effective		
(identify type(s) of change(s) below, and describe chang	e(s) in the Miscel	llaneous section starting on page 19)
	ge and/or other administrative change(s)		
☐ Change in o	•		
Change(s) a	ffecting plant equipment, fuel use, power	production capa	acity and/or cogeneration thermal output
	correction to a previous filing submitted o		
Tm If any of the follo	pplement or correction in the Miscellaneo wing three statements is true, check the I sible, explaining any special circumstance	oox(es) that desc	ribe your situation and complete the form
previously gra	cility complies with the Commission's QF anted by the Commission in an order date Miscellaneous section starting on page 19	ed `	virtue of a waiver of certain regulations (specify any other relevant waiver
	cility would comply with the Commission with this application is granted	's QF requireme	nts if a petition for waiver submitted
employment	cility complies with the Commission's reg of unique or innovative technologies not ation of compliance via this form difficult	contemplated by	y the structure of this form, that make

FE	RC Form 556				Page 6 - All Facilities	5
	2a Name of contact person		•	2b Telephone	number	7
	Nathaniel Smith			864594587		ļ
	2c Which of the following describes	the contact person's rel	ationship to the a	pplicant? (check o	ne)	1
		oyee, owner or partner				
o e	Employee of a company affiliat					
ati	Lawyer, consultant, or other re					
ĮΞ	2d Company or organization name					1
<u>ا</u> ک	Johnson Development Associ			···· •··· • · · · · · · · · · · · · · ·	,_	
Contact Information	2e Street address (if same as Applica	nt. check here and skip	to line 3a)			-
tac	100 Dunbar St	,				G
lo	Suite 400					
Ü	2f City		2g State/pro	vince	· · · · · · · · · · · · · · · · · · ·	-
	Spartanburg		SC SC	VIII CC		
	2h Postal code	2i Country (if not Unite	ediStates)	 -	<u> </u>	-
	29306		•	•		
	3a Facility name					1
เอ	Avanti					
ati	3b Street address (if a street address	does not exist for the fa	acility, check here	and skip to line 3c		-
0.	,			and step to line se		Ü
 						
tification and Location	3c Geographic coordinates: If you in then you must specify the latitud	dicated that no street a	nddress exists for y	our facility by che	cking the box in line 3b,	
atic	the following formula to convert degrees + (minutes/60) + (second	to decimal degrees from	m degrees, minute	es and seconds: de	ecimal degrees =	
fice	provided a street address for you	r facility in line 3b; then	specifying the ge	ographic coordina	ge 4 for neip. If you tes below is optional.	
	☐ Fast (±)			North (+)	·	
de	Longitude West (-) 82	.039 degrees	Latitude	South (-)	35.014 degrees	J
Facility Ider	3d City (if unincorporated, check he	e and enter nearest city	/) 🔲 3e State/p	orovince		1
i iii	Spartanburg		, sc			j
Fac	3f County (or check here for indeper	ndent city) 🗌	3g Country (if no	t United States)		0
	Spartanburg					
	Identify the electric utilities that are co	ontemplated to transac	t with the facility.	-		
ies	4a Identify utility interconnecting wi	th the facility	+	-		
Utilities	Duke Energy Carolinas			_		
Uŧ	4b Identify utilities providing wheeli	ng service or check here	e if none 🏻		_	0
ng	الميت م					
Cti	4c Identify utilities purchasing the us	seful electric power out	put or check here	if none 🗌	÷	Ü
Sa	Duke Energy Carolinas					
Transacting	4d Identify utilities providing supple service or check here if none	mentary power, backup	power, maintena	nce power, and/o	r interruptible power	Ğ

Duke Energy Carolinas

ļ

	Direct ownership as of effective date or operation date: Identify all direct owners of the percent equity interest. For each identified owner, also (1) indicate whether that owners defined in section 3(22) of the Federal Power Act (16 U.S.C. 796(22)), or a holding contact 1262(8) of the Public Utility Holding Company Act of 2005 (42 U.S.C. 16451(8)), and (1) utilities or holding companies, provide the percentage of equity interest in the facility direct owners hold at least 10 percent equity interest in the facility, then provide the two direct owners with the largest equity interest in the facility.	ner is an electric utili npany, as defined in 2) for owners which a y held by that owner	ty, as section are electric . If no
	i. F	Electric utility or holding.	if Yes, % equity
	Full legal names of direct owners	company	interest
	1) JSD Management, LLC	Yes No 🖂	
	2)	Yes No No	
	3)	Yes 🗍 No 🗌	·
	4)	Yes No No	
	5)	Yes 🔲 No 🗌	
	6)	Yes 🗌 No 🗌	
	7)	Yes 🔲 No 📗	
	8)	Yes 🔲 No 🔲	
ioi	9)	Yes 🔲 No 🔲	8
rat	10)	Yes 🔲 No 🗌	8
Ownership and Operation	□ Check here and continue in the Miscellaneous section starting on page 19 if add Description (i.e., indirect) ownership as of effective date or operation date: Identify all of the facility that both (1) hold at least 10 percent equity interest in the facility, and defined in section 3(22) of the Federal Power Act (16 U.S.C. 796(22)), or holding company 1262(8) of the Public Utility Holding Company Act of 2005 (42 U.S.C. 16451(8)). Also equity interest in the facility held by such owners. (Note that, because upstream ow another, total percent equity interest reported may exceed 100 percent.) Check here if no such upstream owners exist. □ Full legal names of electric utility or holding company upstream own 1) 2) 3) 4) 5) 6)	upstream (i.e., indire (2) are electric utilitie panies, as defined in provide the percenta ners may be subsidia	ct) owners es, as section age of
	8)		
	9)		
	Check here and continue in the Miscellaneous section starting on page 19 if add	itional space is need	^{&}
	Identify the facility operator		
	JSD Management, LLC		

0 %

0 Btu/h

FE	RC Form 556		_	Page 8	3 - All Facilitie:
	6a Describe the primary energy in	put: (check one mai	n category and, if applicable	, one subcategory)	
	Biomass (specify)	⊠ Rei	newable resources (specify)	Geothermal	
	☐ Landfill gas	[∃ Hydro power - river	Fossil fuel (speci	fy)
	Manure digester gas	(☐ Hydro power - tidal	☐ Coal (not v	waste)
}	☐ Municipal solid waste	: [☐ Hyd,ro power - wave	☐ Fuel oil/die	esel
	Sewage digester gas	ſ	☑ Solar - photovoltaic	☐ Natural ga	s (not waste)
	☐ Wood	[☐ Solar - thermal	Other foss	il fuel on page 19)
ĺ	Other biomass (desci	ibe on page 19) (☐ Winḍ		
	☐ Waste (specify type below i	n line 6b) [Other renewable resourc (describe on page 19)	e Other (describe o	on page 19)
	6b If you specified "waste" as the	orimary energy inpu	t in line 6a, indicate the type	of waste fuel used: (che	ck one)
	Waste fuel listed in 18 C.F	.R. § 292.202(b) (spe	ify one of the following)		
	☐ Anthracite culm pro	duced prior to July	23, 1985		
	Anthracite refuse the ash content of 45 p		eat content of 6,000 Btu or le	ess per pound and has ar	n average
	Bituminous coal ref average ash conten		age heat content of 9,500 Bt ore	u per pound or less and l	has an
nput	determined to be w (BLM) or that is loca	aste by the United S ted on non-Federal	duced on Federal lands or or tates Department of the Into or non-Indian lands outside is an extension of that deter	erior's Bureau of Land Ma of BLM's jurisdiction, pro	anagement vided that
Energy Input	☐ BLM or that is locate	ed on non-Federal c	or on Indian lands that has b r non-Indian lands outside c ension of that determined by	of BLM's jurisdiction, prov	
ш	Lignite produced in as a result of such a		production of montan wax	and lignite that become	es exposed
1	☐ Gaseous fuels (exce	pt natural gas and s	nthetic gas from coal) (desc	cribe on page 19)	
		iste natural gas; incl	describe on page 19 how th ude with your filing any mat		
	☐ Materials that a gov	ernment agency ha	certified for disposal by cor	mbustion (describe on pa	age 19)
	Heat from exothern	nic reactions (descril	pe on page 19)	Residual heat (describe	on page 19)
	Used rubber tires	Plastic mat	erials 🔲 Refinery o	off-gas 🔲 Petro	leum coke
	facility industry (describe	in the Miscellaneou	commercial value and exists section starting on page 19 absence of the qualifying fa	; include a discussion of	
	6c Provide the average energy inpenergy inputs, and provide the 292.202(j)). For any oil or nature	related percentage	of the total average annual	energy input to the facili	
	Fuel		ual average energy t for specified fuel	Percentage of total annual energy input	
	Natural gas		0 Btu/h	0 %	
1	Oil-based fuels		0 Btu/h	0 %	

Coal

Indicate the maximum gross and maximum net electric power production capacity of the facility at the point(s) of delivery by completing the worksheet below. Respond to all items. If any of the parasitic loads and/or losses identified in lines 7b through 7e are negligible, enter zero for those lines.

lines 7b through 7e are negligible, enter zero for triose lines.	
7a The maximum gross power production capacity at the terminals of the individual generator(s) under the most favorable anticipated design conditions	2,040 kW
7b Parasitic station power used at the facility to run equipment which is necessary and integral to the power production process (boiler feed pumps, fans/blowers, office or maintenance buildings directly related to the operation of the power generating facility, etc.). If this facility includes non-power production processes (for instance, power consumed by a cogeneration facility's thermal host), do not include any power consumed by the non-power production activities in your	
reported parasitic station power.	8 kW
7c Electrical losses in interconnection transformers	32 kW
7d Electrical losses in AC/DC conversion equipment, if any	o kW
7e Other interconnection losses in power lines or facilities (other than transformers and AC/DC conversion equipment) between the terminals of the generator(s) and the point of interconnection with the utility	o kW
7f Total deductions from gross power production capacity = 7b + 7c + 7d + 7e	40.0 kW
7g Maximum net power production capacity = 7a - 7f	2,000 <u>.</u> 0 kW

Phescription of facility and primary components: Describe the facility and its operation. Identify all boilers, heat recovery steam generators, prime movers (any mechanical equipment driving an electric generator), electrical generators, photovoltaic solar equipment, fuel cell equipment and/or other primary power generation equipment used in the facility. Descriptions of components should include (as applicable) specifications of the nominal capacities for mechanical output, electrical output, or steam generation of the identified equipment. For each piece of equipment identified, clearly indicate how many pieces of that type of equipment are included in the plant, and which components are normally operating or normally in standby mode. Provide a description of how the components operate as a system. Applicants for cogeneration facilities do not need to describe operations of systems that are clearly depicted on and easily understandable from a cogeneration facility's attached mass and heat balance diagram; however, such applicants should provide any necessary description needed to understand the sequential operation of the facility depicted in their mass and heat balance diagram. If additional space is needed, continue in the Miscellaneous section starting on page 19.

Technical Facility Information

The Avanti Solar Project is located in Spartanburg County, SC. It will consist of arrays of solar panels (yet to be determined) that are mounted onto racking systems that are equipped with single-axis trackers. The output from the arrays will be delivered to two (2), GE LV5-1511-30-UL inverters. A total of 2.040 MW is expected to be generated at the inverter terminals.

The project will utilize the inverters' reactive capability to provide the reactive compensation necessary to meet DEC's Reactive Policy. This policy requires a 2.0 MW project (measured at the POI) to be able to supply approx. 0.79 MVar at varying POI terminal voltages. The project is expected to be capable of complying with this requirement without additional compensation.

The project will have a generator pad-mounted transformer for the two inverters. The output of the inverter will be at 12.47 kV a collector system, and a step-up substation that includes a 34.5/44 kV transformer. The step-up substation will connect to the Point of Interconnection — a new switching substation on either the Duke Energy Carolinas owned West 44 kV Lines. The connection to the POI is through a short 44 kV Line (~1000 feet).



Information Required for Small Power Production Facility

If you indicated in line 1k that you are seeking qualifying small power production facility status for your facility, then you must respond to the items on this page. Otherwise, skip page 10.

	with the power production resource, are owned by the megawatts. To demonstrat from this size limitation und	capacity of any other small po same person(s) or its affiliates e compliance with this size lind der the Solar, Wind, Waste, and 834 (1990) as amended by Pub	capacity of any small power production facilities that us and are located at the same site litation, or to demonstrate that is Geothermal Power Production L. 102-46, 105 Stat. 249 (1991)),	e the same energy e, may not exceed 80 your facility is exempt Incentives Act of 1990		
	8a Identify any facilities wi equipment of the instant fa- at least a 5 percent equity in	cility, and for which any of the	nent located within 1 mile of the entities identified in lines 5a or	e electrical generating 5b, or their affiliates, holds		
Ge	Check here if no such faciliti	es exist. 🔀				
Certification of Compliance with Size Limitations	Facility location (city or county, sta		Common owner(s)	Maximum net power production capacity		
om ati	1)	QF	4 -	kW		
F.C.	2)	QF		kW		
n O	3)	QF -	•	kW		
tiol Siz	Check here and continu	ue in the Miscellaneou's section	n starting on page 19 if addition	al space is needed		
ۍ ص	Yes (continue at line) 8c Was the original notice of before December 31, 1994? 8d Did construction of the line o	ne 8c below) of self-certification or application of self-certification or application of self-certification or before the self-certification of self-certification or before the self-certification of self-certification or application or self-certification or se	nable diligence was exercised to	ef the facility filed on or No ward the completion of		
_	a brief narrative explanation	struction started so long after	truction? Yes No lifyont If you lifyon If you lifyon the committed in the facility was certified and the lift in the facility was certified.			
Certification of Compliance with Fuel Use Requirements	amounts, for only the follow prevention of unanticipated the public health, safety, or used for these purposes may	ring purposes: ignition; start-u l equipment outages; and allev welfare, which would result fro y not exceed 25 percent of the	production facilities may use for p; testing; flame stabilization; co viation or prevention of emerge om electric power outages. The total energy input of the facility electric energy or any calendar y	ontrol use; alleviation or ncies, directly affecting amount of fossil fuels during the 12-month		
of C Re	9a Certification of compliance with 18 C.F.R. § 292.204(b) with respect to uses of fossil fuel:					
Applicant certifies that the facility will use fossil fuels exclusively for the purposes listed above.						
cat Jel	9b Certification of complian	nce with 18 C.F.R. § 292.204(b)	with respect to amount of fossil	fuel used annually:		
Certifi vith F	percent of the total e	nat the amount of fossil fuel us energy input of the facility dur s electric energy or any calend	ed at the facility will not, in aggr ing the 12-month period beginr ar year thereafter.	regate, exceed 25 ning with the date the		



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Information Required for Cogeneration Facility

If you indicated in line 1k that you are seeking qualifying cogeneration facility status for your facility, then you must respond to the items on pages 11 through 13. Otherwise, skip pages 11 through 13.

	energy (such as heat or suse of energy. Pursuant cycle cogeneration facilit thermal application or pr 292.205(a); or (2) for a boapplication or process for Topping-cycle Topping-cycle 10b To help demonstrat other requirements	eneration technology does the facility represent? (check all that apply) cogeneration Bottoming-cycle cogeneration e the sequential operation of the cogeneration process, and to support compliance with such as the operating and efficiency standards, include with your filing a mass and heat
	meet certain require	epicting average annual operating conditions. This diagram must include certain items and ements, as described below. You must check next to the description of each requirement t you have complied with these requirements.
	compliance with indicated requirement	Requirement
ration r		Diagram must show orientation within system piping and/or ducts of all prime movers, heat recovery steam generators, boilers, electric generators, and condensers (as applicable), as well as any other primary equipment relevant to the cogeneration process.
generation		Any average annual values required to be reported in lines 10b, 12a, 13a, 13b, 13d, 13f, 14a, 15b, 15d and/or 15f must be computed over the anticipated hours of operation.
General Cogeneration Information		Diagram must specify all fuel inputs by fuel type and average annual rate in Btu/h. Fuel for supplementary firing should be specified separately and clearly labeled. All specifications of fuel inputs should use lower heating values.
iene		Diagram must specify average gross electric output in kW or MW for each generator.
O		Diagram must specify average mechanical output (that is, any mechanical energy taken off of the shaft of the prime movers for purposes not directly related to electric power generation) in horsepower, if any. Typically, a cogeneration facility has no mechanical output.
		At each point for which working fluid flow conditions are required to be specified (see below), such flow condition data must include mass flow rate (in lb/h or kg/s), temperature (in °F, R, °C or K), absolute pressure (in psia or kPa) and enthalpy (in Btu/lb or kJ/kg). Exception: For systems where the working fluid is <i>liquid only</i> (no vapor at any point in the cycle) and where the type of liquid and specific heat of that liquid are clearly indicated on the diagram or in the Miscellaneous section starting on page 19, only mass flow rate and temperature (not pressure and enthalpy) need be specified. For reference, specific heat at standard conditions for pure liquid water is approximately 1.002 Btu/(lb*R) or 4.195 kJ/(kg*K).
	· 🗆	Diagram must specify working fluid flow conditions at input to and output from each steam turbine or other expansion turbine or back-pressure turbine.
		Diagram must specify working fluid flow conditions at delivery to and return from each thermal application.
		Diagram must specify working fluid flow conditions at make-up water inputs.







	EPAct 2005 cogeneration facilities: The Energy Policy Act of 2005 (EPAct 2005) established a new section 210(n) of the Public Utility Regulatory Policies Act of 1978 (PURPA), 16 USC 824a-3(n), with additional requirements for any qualifying cogeneration facility that (1) is seeking to sell electric energy pursuant to section 210 of PURPA and (2) was either not a cogeneration facility on August 8, 2005, or had not filed a self-certification or application for Commission certification of QF status on or before February 1, 2006. These requirements were implemented by the Commission in 18 C.F.R. § 292.205(d). Complete the lines below, carefully following the instructions, to demonstrate whether these additional requirements apply to your cogeneration facility and, if so, whether your facility complies with such requirements.	
	11a Was your facility operating as a qualifying cogeneration facility on or before August 8, 2005? Yes No	-
	11b Was the initial filing seeking certification of your facility (whether a notice of self-certification or an application for Commission certification) filed on or before February 1, 2006? Yes No	•
s g	If the answer to either line 11a or 11b is Yes, then continue at line 11c below. Otherwise, if the answers to both lines 11a and 11b are No, skip to line 11e below.	
ental Use Facilities	11c With respect to the design and operation of the facility, have any changes been implemented on or after February 2, 2006 that affect general plant operation, affect use of thermal output, and/or increase net power production capacity from the plant's capacity on February 1, 2006?	(
me n F	Yes (continue at line 11d below)	
Act 2005 Requirements for Fundamental Use Energy Output from Cogeneration Facilities	No. Your facility is not subject to the requirements of 18 C.F.R. § 292.205(d) at this time. However, it may be subject to to these requirements in the future if changes are made to the facility. At such time, the applicant would need to recertify the facility to determine eligibility. Skip lines 11d through 11j.	
s for oger	11d Does the applicant contend that the changes identified in line 11c are not so significant as to make the facility a "new" cogeneration facility that would be subject to the 18 C.F.R. § 292.205(d) cogeneration requirements?	
ement from:C	Yes. Provide in the Miscellaneous section starting on page 19 a description of any relevant changes made to the facility (including the purpose of the changes) and a discussion of why the facility should not be considered a "new" cogeneration facility in light of these changes. Skip lines 11e through 11j.	
Reguir utput	No. Applicant stipulates to the fact that it is a "new" cogeneration facility (for purposes of determining the applicability of the requirements of 18 C.F.R. § 292.205(d)) by virtue of modifications to the facility that were initiated on or after February 2, 2006. Continue below at line 11e.	
05 V O	11e Will electric energy from the facility be sold pursuant to section 210 of PURPA?	Ġ
EPAct 2005 of Energy C	Yes. The facility is an EPAct 2005 cogeneration facility. You must demonstrate compliance with 18 C.F.R. § 292.205(d)(2) by continuing at line 11f below.	
EPAc of E	No. Applicant certifies that energy will <i>not</i> be sold pursuant to section 210 of PURPA. Applicant also certifies its understanding that it must recertify its facility in order to determine compliance with the requirements of 18 C.F.R. § 292,205(d) <i>before</i> selling energy pursuant to section 210 of PURPA in the future. Skip lines 11f through 11j.	
	11f Is the net power production capacity of your cogeneration facility, as indicated in line 7g above, less than or equal to 5,000 kW?	
	Yes, the net power production capacity is less than or equal to 5,000 kW. 18 C.F.R. § 292.205(d)(4) provides a rebuttable presumption that cogeneration facilities of 5,000 kW and smaller capacity comply with the requirements for fundamental use of the facility's energy output in 18 C.F.R. § 292.205(d)(2). Applicant certifies its understanding that, should the power production capacity of the facility increase above 5,000 kW, then the facility must be recertified to (among other things) demonstrate compliance with 18 C.F.R. § 292.205(d)(2). Skip lines 11g through 11j.	
	No, the net power production capacity is greater than 5,000 kW. Demonstrate compliance with the requirements for fundamental use of the facility's energy output in 18 C.F.R. § 292.205(d)(2) by continuing on the next page at line 11g.	

EPAct 2005 Requirements for Fundamental Use of Energy Output from Cogeneration Facilities (continued)

Lines 11g through 11k below guide the applicant through the process of demonstrating compliance with the requirements for "fundamental use" of the facility's energy output. 18 C.F.R. § 292.205(d)(2). Only respond to the lines on this page if the instructions on the previous page direct you to do so. Otherwise, skip this page.

18 C.F.R. § 292.205(d)(2) requires that the electrical, thermal, chemical and mechanical output of an EPAct 2005 cogeneration facility is used fundamentally for industrial, commercial, residential or institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as state laws applicable to sales of electric energy from a 'qualifying facility to its host facility. If you were directed on the previous page to respond to the items on this page, then your facility is an EPAct 2005 cogeneration facility that is subject to this "fundamental use" requirement.

The Commission's regulations provide a two-pronged approach to demonstrating compliance with the requirements for fundamental use of the facility's energy output. First, the Commission has established in 18 C.F.R. § 292.205(d)(3) a "fundamental use test" that can be used to demonstrate compliance with 18 C.F.R. § 292.205(d)(2). Under the fundamental use test, a facility is considered to comply with 18 C.F.R. § 292.205(d)(2) if at least 50 percent of the facility's total annual energy output (including electrical, thermal, chemical and mechanical energy output) is used for industrial, commercial, residential or institutional purposes.

Second, an applicant for a facility that does not pass the fundamental use test may provide a narrative explanation of and support for its contention that the facility nonetheless meets the requirement that the electrical, thermal, chemical and mechanical output of an EPAct 2005 cogeneration facility is used fundamentally for industrial, commercial, residential of institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as state laws applicable to sales of electric energy from a qualifying facility to its host facility.

Complete lines 11g through 11j below to determine compliance with the fundamental use test in 18 C.F.R. § 292.205(d)(3). Complete lines 11g through 11j even if you do not intend to rely upon the fundamental use test to demonstrate compliance with 18 C.F.R. § 292.205(d)(2).

11g Amount of electrical, thermal, chemical and mechanical energy output (net of internal	
generation plant losses and parasitic loads) expected to be used annually for industrial,	
commercial, residential or institutional purposes and not sold to an electric utility	MWh
11h Total amount of electrical, thermal, chemical and mechanical energy expected to be	*
sold to an electric utility	MWh
11i Percentage of total annual energy output expected to be used for industrial,	•
commercial, residential or institutional purposes and not sold to a utility	
= 100 * 11g /(11g + 11h)	0_%

11j is the response in line 11i greater than or equal to 50 percent?

Yes. Your facility complies with 18 C.F.R. § 292.205(d)(2) by virtue of passing the fundamental use test provided in 18 C.F.R. § 292.205(d)(3). Applicant certifies its understanding that, if it is to rely upon passing the fundamental use test as a basis for complying with 18 C.F.R. § 292.205(d)(2), then the facility must comply with the fundamental use test both in the 12-month period beginning with the date the facility first produces electric energy, and in all subsequent calendar years.

No. Your facility does not pass the fundamental use test. Instead, you must provide in the Miscellaneous section starting on page 19 a narrative explanation of and support for why your facility meets the requirement that the electrical, thermal, chemical and mechanical output of an EPAct 2005 cogeneration facility is used fundamentally for industrial, commercial, residential or institutional purposes and is not intended fundamentally for sale to an electric utility, taking into account technological, efficiency, economic, and variable thermal energy requirements, as well as state laws applicable to sales of electric energy from a QF to its host facility. Applicants providing a narrative explanation of why their facility should be found to comply with 18 C.F.R. § 292.205(d)(2) in spite of non-compliance with the fundamental use test may want to review paragraphs 47 through 61 of Order No. 671 (accessible from the Commission's QF website at www.ferc.gov/QF), which provide discussion of the facts and circumstances that may support their explanation. Applicant should also note that the percentage reported above will establish the standard that that facility must comply with, both for the 12-month period beginning with the date the facility first produces electric energy, and in all subsequent calendar years. See Order No. 671 at paragraph 51. As such, the applicant should make sure that it reports appropriate values on lines 11g and 11h above to serve as the

relevant annual standard, taking into account expected variations in production conditions.



Information Required for Topping-Cycle Cogeneration Facility

If you indicated in line 10a that your facility represents topping-cycle cogeneration technology, then you must respond to the items on pages 14 and 15. Otherwise, skip pages 14 and 15.

		mal host, and specify the annual average rate of t nosts with multiple uses of thermal output, provid	e the data for each use in
	Name of entity (thermal host) taking thermal output	Thermal host's relationship to facility; Thermal host's use of thermal output	Average annual rate thermal output attributable to use (no heat contained in pro return or make-up wa
1)		Select thermal host's relationship to facility	
		Select thermal host's use of thermal output	Bt
2)		Select thermal host's relationship to facility	
		Select thermal host's use of thermal output	Bt
3)		Select thermal host's relationship to facility	
"		Select thermal host's use of thermal output	Bt
4)		Select thermal host's relationship to facility	
"		Select thermal host's use of thermal output	. B1
5)		Select thermal host's relationship to facility	
"		Select thermal host's use of thermal output	B
6)		Select thermal host's relationship to facility	
0,	* *	Select thermal host's use of thermal output	В
	Check here and continue in	the Miscellaneous section starting on page 19 if a	dditional space is needed
therr Howe not re appli is ma outp date used	nal output identified above. In sever, if your facility's use of theme easonably clear, then you must pation may be rejected and/or a de. (Exception: If you have prevut related to the instant facility, and docket number to the order	thermal output: At a minimum, provide a brief description is sufficient to description is sufficient to description is sufficient to demail output is not common, and/or if the usefulner provide additional details as necessary to demonsticational information may be required if an insufficient in the indication appropriate the second of the provide a brief description of the recrifying your facility with the indicated use. Sufficient in the previously authorized use.) If it is starting on page 19.	emonstrate usefulness. ss of such thermal output strate usefulness. Your ficient showing of usefulr ving a specific use of ther that use and a reference ich exemption may not b



No (does not comply with efficiency standard)

and	tion
Operating and	ulati
era	Calculat
/cle Op	
Şc	y Value
opping-Cyc	Efficiency
ppi	ffici
۳	ш

rm 556 Page 15 - Lopping	-Cycle Cogeneration Facilities		
Applicants for facilities representing topping-cycle technology must demonstrate concycle operating standard and, if applicable, efficiency standard. Section 292.205(a)(1) regulations (18 C.F.R. § 292.205(a)(1)) establishes the operating standard for topping-cycle useful thermal energy output must be no less than 5 percent of the total energy of (18 C.F.R. § 292.205(a)(2)) establishes the efficiency standard for topping-cycle cogene installation commenced on or after March 13, 1980: the useful power output of the fathermal energy output must (A) be no less than 42.5 percent of the total energy input facility; and (B) if the useful thermal energy output is less than 15 percent of the total element of the total energy input of natural gas and oil to the facility compliance with the topping-cycle operating and/or efficiency standards, or to demonstrate the efficiency standard based on the date that installation commenced, 131 below.	of the Commission's cycle cogeneration facilities: utput. Section 292.205(a)(2) ration facilities for which cility plus one-half the useful of natural gas and oil to the energy output of the facility, y. To demonstrate instrate that your facility is		
If you indicated in line 10a that your facility represents both topping-cycle and bottom technology, then respond to lines 13a through 13l below considering only the energy attributable to the topping-cycle portion of your facility. Your mass and heat balance which mass and energy flow values and system components are for which portion (to cogeneration system.	inputs and outputs diagram must make clear pping or bottoming) of the		
13a Indicate the annual average rate of useful thermal energy output made available			
to the host(s), net of any heat contained in condensate return or make-up water	Btu/h		
13b Indicate the annual average rate of net electrical energy output	kW		
13c Multiply line 13b by 3,412 to convert from RW to Btu/h	0 Btu/h		
13d Indicate the annual average rate of mechanical energy output taken directly off			
of the shaft of a prime mover for purposes not directly related to power production			
(this value is usually zero)	hp		
13e Multiply line 13d by 2,544 to convert from hp to Btu/h	0 Btu/h		
13f Indicate the annual average rate of energy input from natural gas and oil	Btu/h		
13g Topping-cycle operating value = 100 * 13a / (13a + 13c + 13e)	0 %		
13h Topping-cycle efficiency value = 100 * (0.5*13a + 13c + 13e) / 13f	0 %		
13i Compliance with operating standard: Is the operating value shown in line 13g gr			
Yes (complies with operating standard) No (does not comply w	ith operating standard)		
13j Did installation of the facility in its current form commence on or after March 13,	1980?		
Yes. Your facility is subject to the efficiency requirements of 18 C.F.R. § 292.20 compliance with the efficiency requirement by responding to line 13k or 13l,			
No. Your facility is exempt from the efficiency standard. Skip lines 13k and 13	l.		
13k Compliance with efficiency standard (for low operating value): If the operating value shown in line 13g is less than 15%, then indicate below whether the efficiency value shown in line 13h greater than or equal to 45%:			
Yes (complies with efficiency standard) No (does not comply w	vith efficiency standard)		
131 Compliance with efficiency standard (for high operating value): If the operating value of the operating value	value shown in line 13g is in line 13h is greater than or		

Information Required for Bottoming-Cycle Cogeneration Facility

If you indicated in line 10a that your facility represents bottoming-cycle cogeneration technology, then you must respond to the items on pages 16 and 17. Otherwise, skip pages 16 and 17.

10 010 11	C1113	on pages to and it. Otherwise, s	top pages to and 17;		
	The thermal energy output of a bottoming-cycle cogeneration facility is the energy related to the process(es) from which at least some of the reject heat is then used for power production. Pursuant to sections 292.202(c) and (e) of the Commission's regulations (18 C.F.R. § 292.202(c) and (e)), the thermal energy output of a qualifying bottoming-cycle cogeneration facility must be useful. In connection with this requirement, describe the process(es) from which at least some of the reject heat is used for power production by responding to lines 14a and 14b below.				
	14a Identify and describe each thermal host and each bottoming-cycle cogeneration process engaged in by each host. For hosts with multiple bottoming-cycle cogeneration processes, provide the data for each process in				
		Name of entity (thermal host) performing the process from which at least some of the reject heat is used for power production	Thermal host's relationship to facility; Thermal host's process type	Has the energy input to the thermal host been augmented for purposes of increasing power production capacity? (if Yes, describe on p. 19)	
,	1)		Select thermal host's relationship to facility	Yes No	
	Ľ		Select thermal host's process type		
<u> </u>	2)		Select thermal host's relationship to facility	Yes No	
, X			Select thermal host's process type		
)-b	3)		Select thermal host's relationship to facility	Yes 🗍 No 🗍	
Usefulness of Bottoming-Cycle Thermal Output		<u>·</u>	Select thermal host's process type		
		Check here and continue in the	ne Miscellaneous section starting on page 19 if addit	tional space is needed	
	faci must add prev facil to ti cha	ntified above. In some cases, this lity's process is not common, and/ st provide additional details as nelitional information may be requiriously received a Commission cellity, then you need only provide a he order certifying your facility wi	thermal output: At a minimum, provide a brief description is sufficient to demonstrate useful for if the usefulness of such thermal output is not recessary to demonstrate usefulness. Your application ed if an insufficient showing of usefulness is made. retification approving a specific bottoming-cycle problef description of that process and a reference by the indicated process. Such exemption may not ade.) If additional space is needed, continue in the I	ness. However, if your asonably clear, then you n may be rejected and/or (Exception: If you have cess related to the instant date and docket number be used if any material	

Bottoming-Cycle Operating and **Efficiency Value Calculation**

than or equal to 45%:

Yes (complies with efficiency standard)

rm 556 Page 17 - Bottoming	g-Cycle Cogeneration Facilities
Applicants for facilities representing bottoming-cycle technology and for which install March 13, 1990 must demonstrate compliance with the bottoming-cycle efficiency stathe Commission's regulations (18 C.F.R. § 292.205(b)) establishes the efficiency standa cogeneration facilities: the useful power output of the facility must be no less than 45 of natural gas and oil for supplementary firing. To demonstrate compliance with the standard (if applicable), or to demonstrate that your facility is exempt from this standard installation of the facility began, respond to lines 15a through 15h below.	indards. Section 292.205(b) of rd for bottoming-cycle percent of the energy input pottoming-cycle efficiency
If you indicated in line 10a that your facility represents both topping-cycle and bottom technology, then respond to lines 15a through 15h below considering only the energy attributable to the bottoming-cycle portion of your facility. Your mass and heat balan which mass and energy flow values and system components are for which portion of (topping or bottoming).	y inputs and outputs ce diagram must make clear
15a Did installation of the facility in its current form commence on or after March 13, Yes. Your facility is subject to the efficiency requirement of 18 C.F.R. § 292.205 with the efficiency requirement by responding to lines 15b through 15h below No. Your facility is exempt from the efficiency standard. Skip the rest of page	i(b). Demonstrate compliance v.
15b Indicate the annual average rate of net electrical energy output	kW
15c Multiply line 15b by 3,412 to convert from kW to Btu/h	0 Btu/h
15d Indicate the annual average rate of mechanical energy output taken directly off of the shaft of a prime mover for purposes not directly related to power production (this value is usually zero)	bp
15e Multiply line 15d by 2,544 to convert from hp to Btu/h	0 Btu/h
15f Indicate the annual average rate of supplementary energy input from natural gas or oil	Btu/h
15g Bottoming-cycle efficiency value = 100 * (15c + 15e) / 15f	0 %

15h Compliance with efficiency standard: Indicate below whether the efficiency value shown in line 15g is greater

☐ No (does not comply with efficiency standard)







of

Certificate of Completeness, Accuracy and Authority

Commission Staff Use Only:

Applicant must certify compliance with and understanding of filing requirements by checking next to each item below and

signing at the bottom of this section. For rejected by the Secretary of the Commission	ns with incomplete Certificates of Completeness, A on.	ccuracy and Authority will be				
Signer identified below certifies the follow	ring: (check all items and applicable subitems)					
He or she has read the filing, including any information contained in any attached documents, such as cogeneration mass and heat balance diagrams, and any information contained in the Miscellaneous section starting on page 19, and knows its contents.						
He or she has provided all of the requ to the best of his or her knowledge ar	ired information for certification, and the provided and belief.	information is true as stated,				
He or she possess full power and auth Practice and Procedure (18 C.F.R. § 38	nority to sign the filing; as required by Rule 2005(a)(i5.2005(a)(3)), he or she is one of the following: (che	3) of the Commission's Rules of ck one)				
The person on whose behalf t	he filing is made					
An officer of the corporation,	trust, association, or other organized group on beh	alf of which the filing is made				
An officer, agent, or employe of the governmental authority, agency, or instrumentality on behalf of which the filing is made						
A representative qualified to practice before the Commission under Rule 2101 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2101) and who possesses authority to sign						
He or she has reviewed all automatic calculations and agrees with their results, unless otherwise noted in the Miscellaneous section starting on page 19.						
interconnect and transact (see lines 4	Form 556 and all attachments to the utilities with was through 4d), as well as to the regulatory authoriti the Required Notice to Public Utilities and State Reg	es of the states in which the				
Procedure (18 C.F.R. § 385.2005(c)) provide	ture date below. Rule 2005(c) of the Commission's es that persons filing their documents electronically led documents. A person filing this document elected below.	may use typed characters				
Your Signature	Your address	Date				
William D Spry, III	100 Dunbar St Suite 400 Spartanburg SC 29306	9/7/2018				
Audit Notes						
}						
1						

FERC Form 556 Page 19 - All Facilities

Miscellaneous

Use this space to provide any information for which there was not sufficient space in the previous sections of the form to provide. For each such item of information *clearly identify the line number that the information belongs to*. You may also use this space to provide any additional information you believe is relevant to the certification of your facility.

Your response below is not limited to one page. Additional page(s) will automatically be inserted into this form if the length of your response exceeds the space on this page. Use as many pages as you require.

William D. Spry, III is the CFO of Johnson Development Associates, LLC, the Managing Member of JSD Management, LLC